

FIG.1

IP PACKET

PACKET CHANNEL

(FLAT-RATE CHARGING)

5 SPEECH SIGNAL

BEARER CHANNEL

(USAGE-BASED CHARGING)

FIG.2

10 CLASS A (LEVEL OF FIXED-LINE PHONE)

100ms OR LESS

CLASS B (LEVEL OF CELLULAR PHONE)

CLASS C

GENERAL IP PACKET

15 ALLOWABLE DELAY TIME

ALLOWABLE JITTER TIME

FIG.3 FIG.5 FIG.6 FIG.7

101 CHANNEL TYPE DETECTION SECTION

20 CHANNEL TYPE INFORMATION

SPEECH SIGNAL OR PACKET

103 DELAY ADDITION SECTION

104 SCHEDULER

PRIORITY INFORMATION

25 106 MODULATION SECTION

107 TRANSMISSION RF SECTION

FIG.4A FIG.4B

INPUT     OUTPUT   TIME

FIG.5   FIG.6   FIG.7

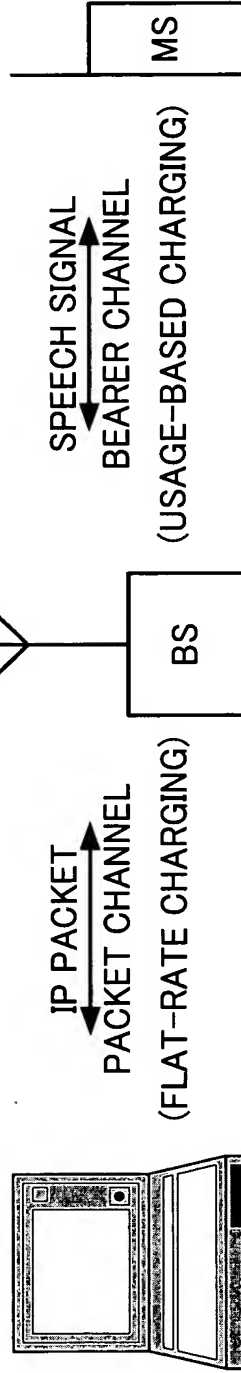
- 5    301    PROTOCOL DETECTION SECTION
- 302    PACKET TYPE DETECTION SECTION
- 303    DELAY ADDITION CONTROL SECTION

FIG.6

- 10   401    GENERATION PERIOD DETECTION SECTION

FIG.7

CONTROL INFORMATION



PRIOR ART  
FIG.1

	CLASS A (LEVEL OF FIXED-LINE PHONE)	CLASS B (LEVEL OF CELLULAR PHONE)	CLASS C	GENERAL IP PACKET
ALLOWABLE DELAY TIME	100ms OR LESS	150ms OR LESS	400ms OR LESS	500ms OR LESS
ALLOWABLE JITTER TIME	10ms OR LESS	15ms OR LESS	40ms OR LESS	50ms OR LESS

PRIOR ART  
FIG.2

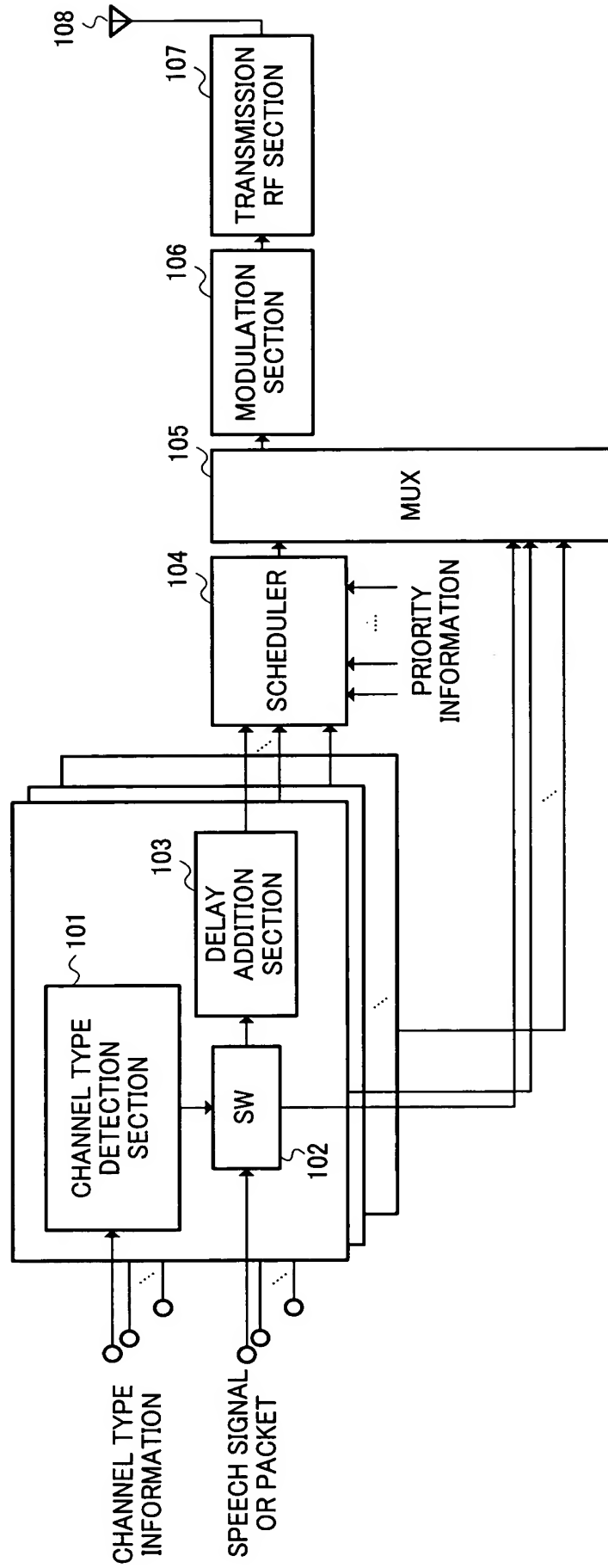


FIG.3

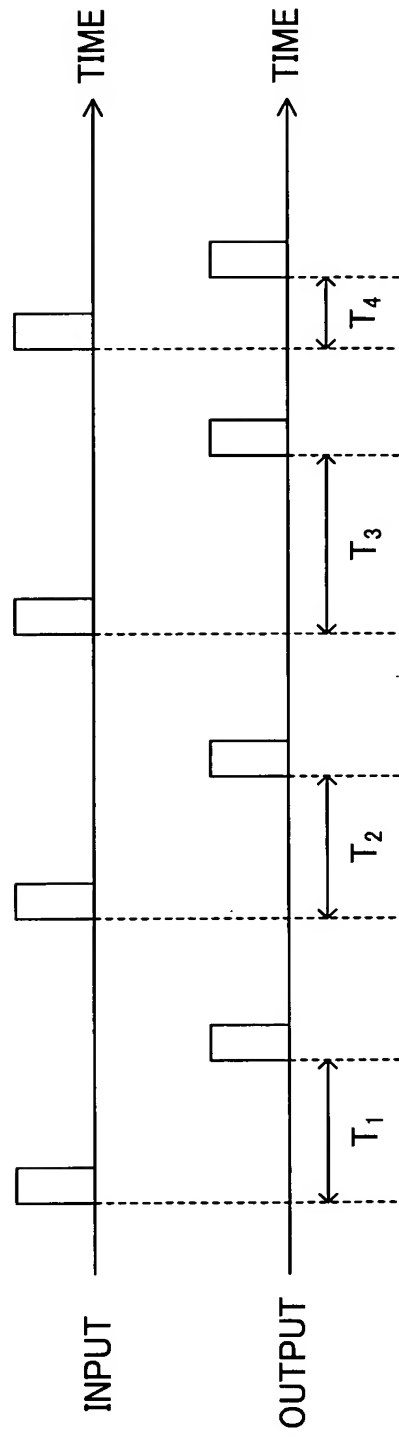


FIG.4A

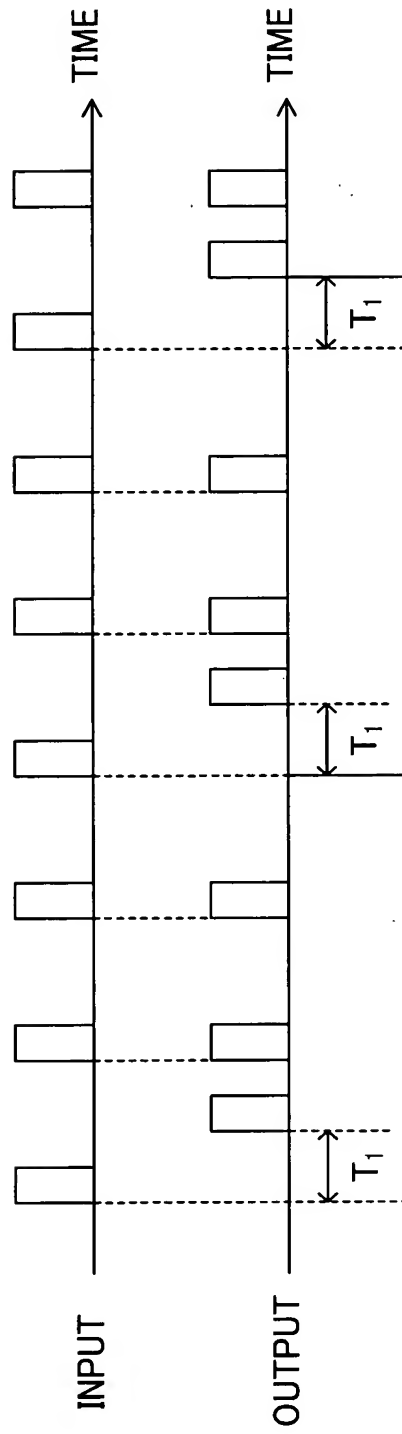


FIG.4B

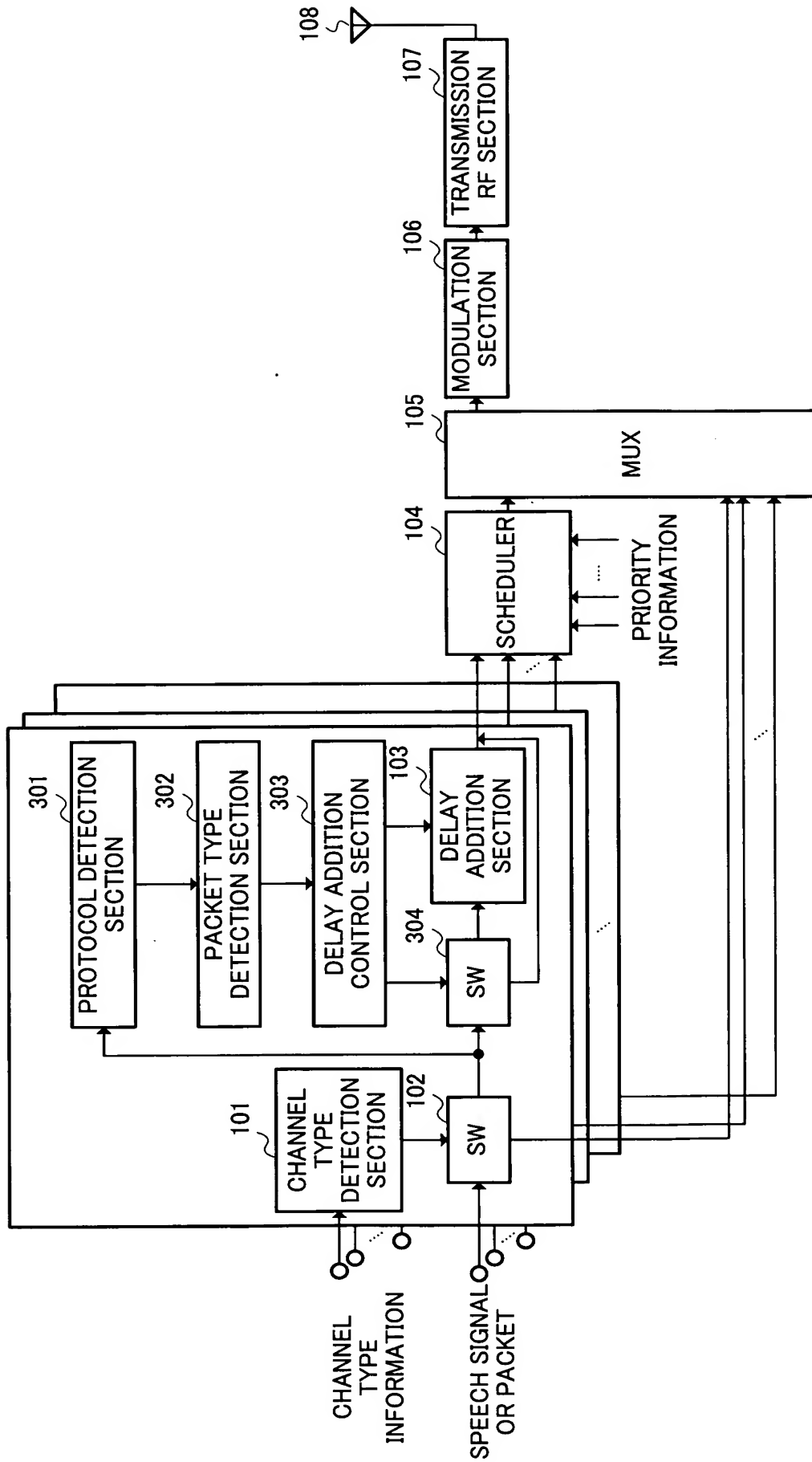


FIG. 5



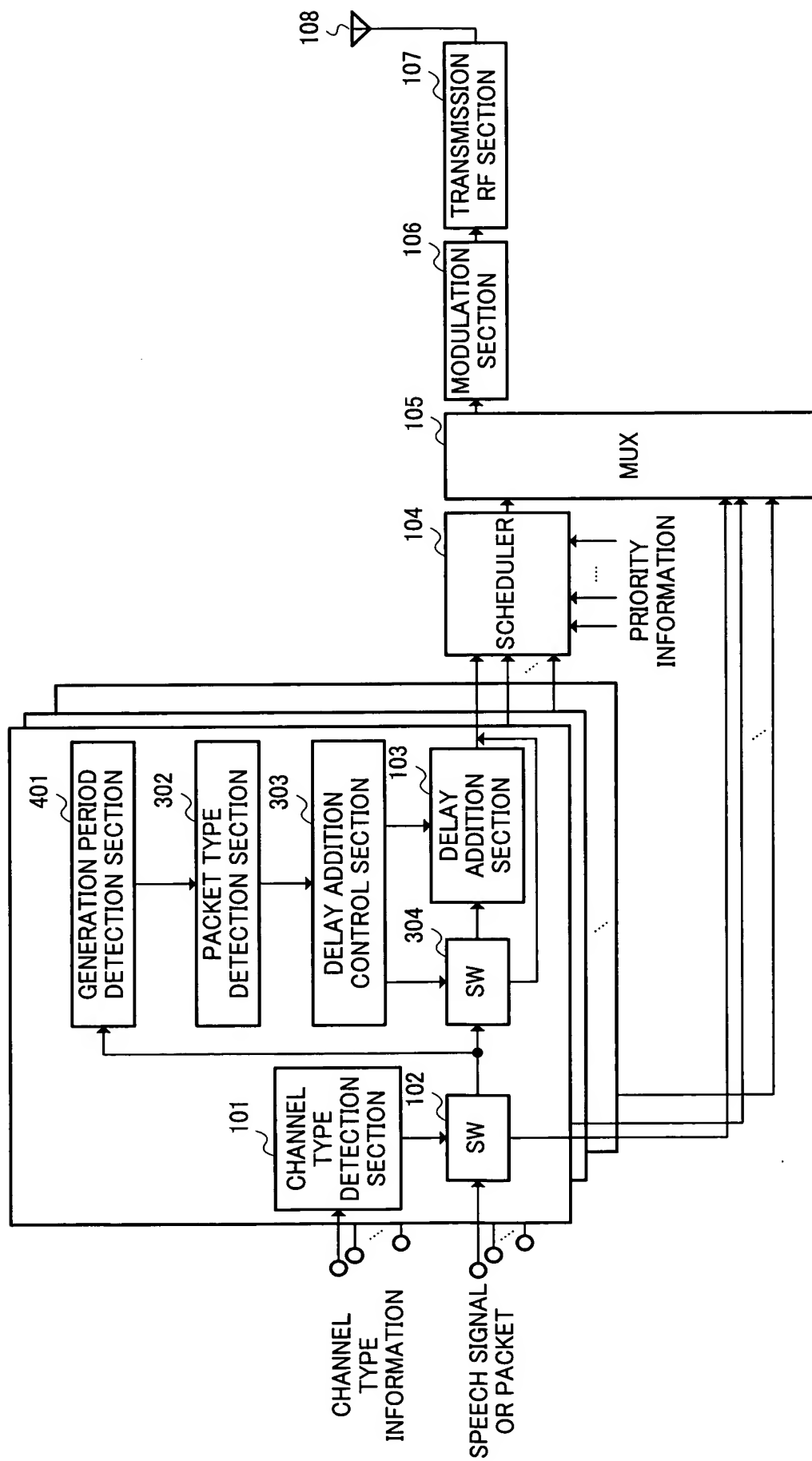


FIG. 6

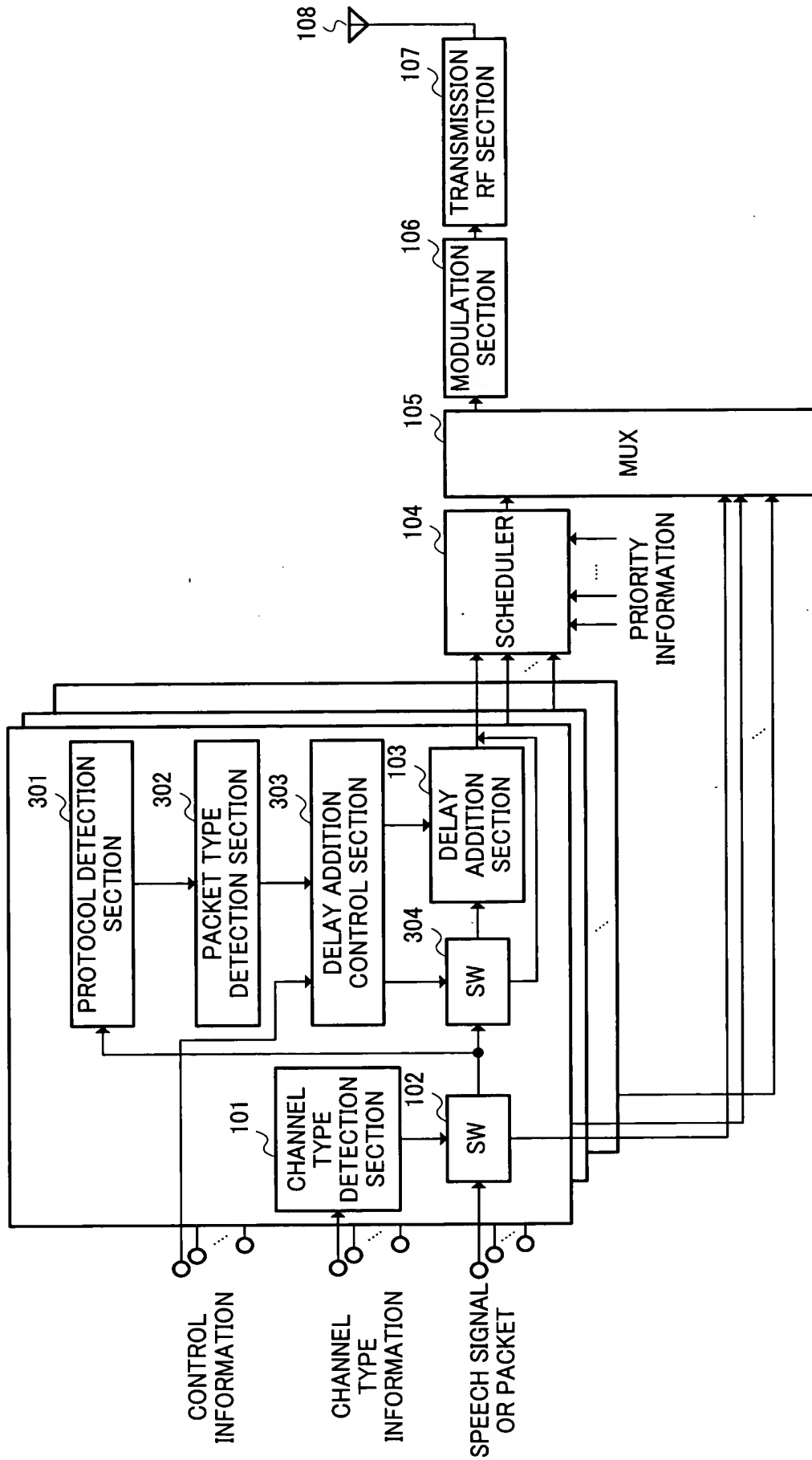


FIG. 7